

# Integrated Design & Manufacture, LLC

## SELLERS QUALITY REQUIREMENTS

Rev: F  
Date: 5/17/23

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1. Hard copies of this document are UNCONTROLLED, and may not be the revision currently in effect. It shall be the responsibility of the seller to ensure that they have and are utilizing the current revision at all sub-tier levels. A copy of this document may be obtained from buyer's web site <http://idmnh.com/sellers-requirements>
2. Quality Records
  - 2.1. Seller shall maintain an International Organization of Standards (ISO), Aerospace Standard (AS) or Military Standard equivalent quality system acceptable to Buyer for the Items (including "items" and "Work" as such terms may be used in this POs definitions) covered herein. Widely recognized Government or Industry Quality System standards should be used as guidelines. Upon Buyer's request, Seller shall provide to Buyer documentation that describe Seller's System.
  - 2.2. Seller shall provide and obtain for Buyer, Buyer's Customers, and appropriate regulatory agencies access to any and all facilities, including those facilities of Seller's subcontractors, where work on items is being performed or is scheduled to be performed under this Purchase Order ("PO"). If seller performs special processes, seller shall ensure qualification of personnel and equipment: i.e., special processes are those where the resulting output cannot be verified by subsequent monitoring and measurement and, as a consequence, deficiencies become apparent only after the product is in use or the service has been delivered. The Buyer shall have right to perform in-process inspection, audits, and system surveillance at Seller and Seller's subcontractors' facilities as part of verification of conformance to the requirements of this PO. Work under this PO is subject to Buyer's periodic audit of Seller's compliance with Seller's internal procedures and other documents applicable to this PO. Seller shall provide, at no cost to Buyer, Government or appropriate regulatory agencies, suitable facilities at Seller and Seller's subcontractors' manufacturing locations for Buyer, Government, and regulatory agency representatives to perform compliance verification. Seller shall include the provisions of this Paragraph in each purchase orders, if any, with each of its subcontractors where work is being performed or is scheduled to be performed in connection with this PO, and shall require that this Paragraph 2 is inserted in all subcontracts at every tier.
  - 2.3. Seller shall maintain complete records of all manufacturing, inspecting and testing in connection with the Items. At Buyer's election, such records shall be made available to the Buyer, Buyer's Customers and/or appropriate regulatory agencies during the performance of this PO and for at least ten (10) years after completion of this PO or for such longer periods as may be specified elsewhere in this PO. Upon Buyer's request, Seller shall forward such records to Buyer at no cost to Buyer.
  - 2.4. Seller must understand the importance of their contribution to product or service conformity, safety and the importance of ethical behavior.
3. Control and Processing Nonconforming Material and Corrective Action

- 3.1. Seller shall implement and maintain a system, which provides for identification, documentation, segregation and disposition of non-conforming material and shall ensure effective, positive corrective action is taken to prevent, minimize, or eliminate non-conformances and infiltration of counterfeit parts. Seller's system shall ensure that non-conforming material and counterfeit parts are not used for production purposes.
- 3.2. Seller shall maintain records of all non-conforming material, dispositions, assignable causes, corrective actions, and effectiveness of corrective actions for the period specified in this PO. Seller shall evaluate each non-conformance for its potential to exist in previously produced or delivered Items. If a non-conformance is found to exist Seller will notify Buyer, in writing, within 5 working days for all issues. Buyer shall forward requests for corrective action, if any, to Seller when unsatisfactory performance by Seller and/or any of its subcontractors is detected by Buyer. Seller shall respond to all Buyer requests for corrective action. Seller shall assess all Buyer identified non-conformances and take the appropriate actions to ensure causes of non-conformance are corrected. If Seller is unable to verify or duplicate the non-conformance or refuses responsibility for the non-conformance, Seller shall notify Buyer. If Seller does not respond by Seller Confirmation Action Request within 30 days of receipt by Seller of the non-conforming Item, Seller shall be deemed to have accepted responsibility for the identified non-conformance.
4. Material Review Authority for Seller-Designed Items
  - 4.1. Seller has Material Review Authority, except for design changes and non-conformances that affect form, fit, function, interchangeability or reliability.
5. Material Review Authority for Buyer Items, specifications provided
  - 5.1. Seller dispositions are limited to scrapping of Items, eliminating the non-conformance by buyer approved rework method, or returning to vendor. Seller shall document non-conforming items for submission for Buyer's review for dispositions as required by this PO. Seller's continued processing, prior to Buyer's review and disposition of any items containing a non-conformance prior to Buyer's disposition will be at Seller's risk.
  - 5.2. If seller has written delegated Material Review Authority from Buyer, Seller shall exercise such Authority except for non-conformance of a parameter that affects form, fit, function, interchangeability or reliability.
6. Calibration
  - 6.1. Seller shall maintain a calibration system that is compliant with the requirements in ISO/IEC 17025.

7. Anti-FOD (*Foreign Object/Debris*) Provisions

7.1. Sellers who are manufacturers shall maintain a FOD prevention program. Seller's FOD prevention program shall include the review of design and manufacturing processes to identify and eliminate foreign object entrapment areas and paths through which foreign objects can migrate. Seller shall ensure work is accomplished in a manner preventing foreign objects or material in deliverable Items. Seller shall maintain work areas and control tools, parts and materials in a manner sufficient to preclude the risk of FOD incidents. Seller shall document and investigate each FOD incident and ensure elimination of the root cause of each such incident.

7.2. Whenever and/or wherever FOD entrapment or foreign objects can migrate, Seller's FOD prevention program shall include Seller's periodic self-assessment of its internal FOD prevention practices, including each respective subcontractor's FOD prevention program at every tier to measure effectiveness of program compliance to requirements. Seller's FOD prevention program shall provide initial and periodic FOD training to Seller's employees. Seller shall provide records of such self-assessment and training to Buyer, upon request.

7.3. Seller's FOD prevention program shall contain, at a minimum, the following elements:

- 7.3.1. Design & Manufacturing Process Review
- 7.3.2. Performance Measurement
- 7.3.3. Training
- 7.3.4. Material Handling and Parts Protection
- 7.3.5. Housekeeping
- 7.3.6. Tool Accountability
- 7.3.7. Hardware Accountability
- 7.3.8. FOD Focal Points

7.4 Prior to closing inaccessible or obscured areas and compartments during assembly, Seller shall inspect for foreign objects/materials. Seller shall ensure that tooling, jigs, fixtures, and test or handling equipment are maintained in a state of cleanliness and repair sufficient to prevent FOD. By delivering Items to Buyer, Seller shall be deemed to have certified to Buyer that such Items are free from any foreign materials that could result in FOD.

**REVISION HISTORY:**

Revisions to this document must be reviewed by top management prior to release.

Revision A – 3-8-10 – Initial Release

Revision B – 9-4-12 – 2.2 added “If seller performs special processes, seller shall ensure qualification of personnel and equipment: i.e., special processes are those where the resulting output cannot be verified by subsequent monitoring and measurement and, as a consequence, deficiencies become apparent only after the product is in use or the service has been delivered.” ; 2.3 Retention of records changed to ten (10) years from five(5) years.

Revision C – 11-6-15 – Removed unnecessary requirements, simplified text.

Revision D – 7-21-16 – FOD requirements added. Added management review requirement for revisions to this document.

Revision E – 4-1-17 – added counterfeit parts to section 3.1, simplified 4.1

Revision F – 5-17-23 – Removed defunct standards from 6.1. Added section 2.4